

AMENDMENTS TO THE CLAIMS

1 (Currently amended). A device for mixing a bone filling material comprising:  
a receptacle for receiving components of the bone filling material in an unmixed condition;  
~~the receptacle having a distal tip;~~  
a mixing element insertable into the receptacle to mix the components;  
an actuator for the mixing element including a drive member and a driven member coupled to the drive member and removably coupled to the mixing element, and  
~~a stand to hold the receptacle, the stand including a neck sized and configured to couple the distal tip of the receptacle~~  
a plunger insertable into the receptacle and advanceable through the receptacle to dispense filling material from the receptacle.

2 (Original) A device as in claim 1, wherein the mixing element comprises a paddle that mixes the components in response to rotation.

3 (Original) A device as in claim 2, wherein the drive member rotates the paddle.

4 (Original) A device as in claim 1, wherein the mixing element includes structure to promote mixing of the components.

5 (Original) A device as in claim 4, wherein the structure comprises a plurality of apertures.

6-7 (Canceled)

8 (Original) A device as in claim 1, further comprising a dispenser attachable to the receptacle to dispense the filling material.

9 (Original) A device as in claim 8, wherein the dispenser comprises a nozzle.

10 (Original) A device as in claim 8, the dispenser comprising a fitting incorporated in a distal tip of the receptacle.

11 (Original) A device as in claim 8, the dispenser comprising a tube incorporated in a distal tip of the receptacle.

12 (Original) A device as in claim 1, wherein the actuator includes a drive train that couples a drive member to a driven member.

13 (Original) A device as in claim 12, the drive train comprising a planetary gear system.

14 (Original) A device as in claim 1, wherein the actuator includes linkage imparting rotation of the drive member to the driven member.

15 (Original) A device as in claim 1, wherein the drive member is operable manually.

16 (New). A device as in claim 1, wherein the plunger includes a proximal portion extending outside of the receptacle permitting grasping and manipulation of the plunger to advance the plunger through the receptacle.

17 (New). A device as in claim 1, wherein the plunger includes an air purge valve.

18 (New). A device as in claim 1, further comprising  
a stand to hold the receptacle.

19 (New). A device as in claim 18, wherein the receptacle includes a distal tip, and  
wherein the stand includes a neck sized and configured to couple the distal tip of the receptacle.